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Notice of Allowability	Application No.	Applicant(s)	
	10/077,763	HE, HAIXIANG	
	Examiner	Art Unit	
	Justin M. Philpott	2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed July 27, 2006.
2. ☒ The allowed claim(s) is/are 1,3-7,9,11-15 and 17-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____. 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
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EXAMINER'S AMENDMENT

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on July 27, 2006 has been entered.

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

3. Authorization for this examiner's amendment was given in a telephone interview with Yisun Song (Reg. No. 44,487) on August 8, 2006.

4. The application has been amended as follows:

In claim 1, at lines 7-8, "indexing each respective record using an address associated with each multicast source system;" has been removed.

In claim 1, at line 11, "indexing each respective record using an address associated with each multicast source system;" has been added.

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In claim 3, line 1, “The method of claim 2, wherein the address is an” has been replaced by -- The method of claim 1, wherein the address associated with each multicast source system is an --.

In claim 9, at lines 7-9, “indexing each respective record using an address associated with each multicast source system;” has been removed.

In claim 9, at line 10, “indexing each respective record using an address associated with each multicast source system;” has been added *after* “record;”.

In claim 11, line 1, “The system of claim 10, wherein the address is” has been replaced by -- The system of claim 9, wherein the address associated with each multicast source system is --.

In claim 15, at lines 5-6, “at least one processor-readable carrier; and instructions carried on the at least one carrier” has been replaced by -- at least one computer-processor-readable storage medium; and instructions stored on the at least one medium --.

In claim 15, at line 8, “the last least one carrier” has been replaced by -- the at least one medium --.

In claim 15, at lines 12-13, “index each respective record using an address associated with each multicast source system;” has been removed.

In claim 15, at line 16, “index each respective record using an address associated with each multicast source system;” has been added.

In claim 17, lines 1-2, “The article of manufacture of claim 16, wherein the address is” has been replaced by -- The article of manufacture of claim 15, wherein the address associated with each multicast source system is --.

5. The following is an examiner's statement of reasons for allowance:

Claims 1, 9 and 15 have been amended to include additional limitations which are not taught by the cited prior art of record. Specifically, the combination of indexing, aggregating and multicasting as recited in the claims, further combined with a group address which includes each multicast source system so that each of a plurality of multicast source systems receives the single message, is not taught by the prior art of record, and in particular is not taught by Jain. Accordingly, applicant's amendment in combination with the instant Examiner's Amendment overcomes the prior art rejections in the previous office action based upon the art of Jain.

Claims 3, 4-7, 11-14 and 17-20 each depend upon claims 1, 9 and 15 respectively, and are therefore allowed for the same reasons discussed above regarding claims 1, 9 and 15.


6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Justin M. Philpott whose telephone number is 571.272.3162. The examiner can normally be reached on M-F, 9:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi Pham can be reached on 571.272.3179. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Justin M. Philpott
CHI PHAM
SUPERVISORY PATENT EXAMINER 8/22/02